



CDC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No. 6,950,398)	Serial No. 09/934,073
)	
Inventor(s): Yile GUO <i>et al</i>)	Filed: August 22, 2001
)	
Issue Date: September 27, 2005)	Attorney Docket No. 005288.00015

For: IP/MPLS-BASED TRANSPORT SCHEME IN 3G RADIO ACCESS NETWORKS

REQUEST FOR CERTIFICATE OF CORRECTION

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop: Certificate of Correction Branch
401 Dulany Street
Alexandria, VA 22314

Certificate
APR 19 2006
of Correction

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The complete Certificate of Correction involves one page.

The mistake identified in the appended Form occurred through no fault of the Applicants, as clearly disclosed by the records of the application, which matured into this patent. Enclosed for your convenience is the relevant portion of the Amendment filed May 10, 2005.

Issuance of the Certificate of Correction containing the correction is respectfully requested. Since this change is necessitated through no fault of the Applicants, no fee is believed to be associated with this request. Nonetheless, should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Dated: April 13, 2006

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APR 20 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: 6,950,398
DATED: September 27, 2005
INVENTOR(S): Yile GUO *et al*

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 11, Claim 5, Line 46:

 Please replace "to the multiple" with --to multiple--

Mailing Address of Sender:

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FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 6,950,398

No. of add'l copies
@ \$0.50 per page

APR 20 2006 ☐

Appln. No.: 09/934,073
Amendment dated May 10, 2005
Reply to Office Action of February 11, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Yile GUO *et al.*

Serial No.: 09/934,073

Filed: August 22, 2001

For: AN IP/MPLS-BASED TRANSPORT
SCHEME IN 3G RADIO ACCESS
NETWORKS

Atty. Docket No.: 005288.00015

Group Art Unit: 2665

Examiner: Stevens, Roberta A.

Confirmation No.: 7354

AMENDMENT

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In response to the Office Action mailed February 11, 2005, please amend the instant application as follows:

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

If any fees are required or if an overpayment is made, the Commissioner is authorized to debit or credit our Deposit Account No. 19-0733, accordingly.

APR 20 2006

8. (Currently Amended) A method of providing differentiated QoS (quality of service) in an MPLS (multiprotocol label switching) based transport network, comprising the steps of:
 - establishing first multiple label switching paths, each of the first label switching paths having at least one label switching router, and each of the first label switching paths connecting a base station to a radio network controller, the base station having a plurality of traffic classes of traffic;
 - establishing second multiple label switching paths, each of the second label switching paths having at least one label switching router, and each of the second label switching paths connecting the radio network controller to the base station, the radio network controller having a plurality of traffic classes of traffic;
 - marking a field of an MPLS header at a respective label switch router at an ingress to a respective label switching path of the first and second multiple label switching paths, such that each respective label switching path carries a different respective traffic class of the plurality of traffic classes;
 - assigning each label switching path at least one attribute in order to provide differentiated QoS to multiple classes of traffic; and
 - forwarding the traffic within the label switching paths based on the marked field.
9. (Original) The method according to claim 8, wherein the method further comprises using constraint based routing to establish the label switching path.
10. (Original) The method according to claim 8, wherein the MPLS header is associated with a packet carrying radio protocol frames, and wherein the packets are forwarded along the path using label switching.
11. (Canceled)
12. (Original) The method according to claim 8, wherein the method further comprises encapsulating a payload in MPLS packets that form the traffic.
13. (Canceled).
14. (Canceled).
15. (Canceled).